

addition, for the convenience of the Examiner, all claims now pending following the entry of the Preliminary Amendment, are reproduced in Appendix B entitled "Pending Claims".

CONCLUSION

Applicants respectfully request that the application, as amended, be examined on its merits by the Examiner.

Respectfully submitted,



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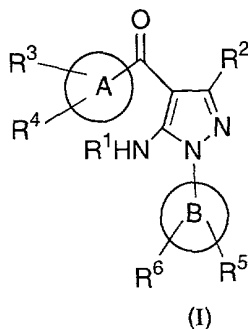
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APPENDIX A
VERSION SHOWING THE AMENDMENTS MADE

1. (Amended) A compound selected from the group of compounds represented by Formula (I):



wherein:

R¹ is hydrogen or acyl;

R² is hydrogen or alkyl;

~~A is an aryl or heteroaryl ring;~~

~~B is an aryl or heteroaryl ring;~~

A and B are both simultaneously an aryl or a heteroaryl ring;

R³ is selected from the group consisting of:

- (a) ~~—~~ amino, alkylamino or dialkylamino;
- (b) ~~—~~ acylamino;
- (c) optionally substituted heterocyclyl;
- (d) optionally substituted aryl or heteroaryl;
- (e) heteroalkyl substituted with a heteroaryl or heterocyclyl group;
- (f) heteroalkenyl;
- (g) heteroalkynyl;
- (h) ~~—~~ heteroalkoxy;
- (i) heteroalkylamino;
- (j) optionally substituted heterocyclylalkyl;
- (k) optionally substituted heterocyclylalkenyl;

- (l) optionally substituted heterocyclalkynyl;
- (m) optionally substituted heterocyclalkoxy, cycloxy or heterocycloxy;
- (n) optionally substituted heterocyclalkylamino;
- (o) optionally substituted heterocyclalkylcarbonyl;
- (p) heteroalkylcarbonyl;
- ~~(q) NHSO_2R^6 where R^6 is alkyl, heteroalkyl or optionally substituted heterocyclalkyl;~~
- ~~(r) $\text{NHSO}_2\text{NR}^7\text{R}^8$ where R^7 and R^8 are, independently of each other, hydrogen, alkyl or heteroalkyl;~~
- (s) $-\text{Y}-(\text{alkylene})-\text{R}^9$ where:
 Y is a single bond, $-\text{O}-$, $-\text{NH}-$ or $-\text{S}(\text{O})_n-$ (where n is an integer from 0 to 2); and
 R^9 is cyano, optionally substituted heteroaryl, $-\text{COOH}$, $-\text{COR}^{10}$, $-\text{COOR}^{11}$, $-\text{CONR}^{12}\text{R}^{13}$, $-\text{SO}_2\text{R}^{14}$, $-\text{SO}_2\text{NR}^{15}\text{R}^{16}$, $-\text{NHSO}_2\text{R}^{17}$ or $-\text{NHSO}_2\text{NR}^{18}\text{R}^{19}$, where R^{10} is alkyl or optionally substituted heterocycle, R^{11} is alkyl, and R^{12} , R^{13} , R^{14} , R^{15} , R^{16} , R^{17} , R^{18} and R^{19} are, independently of each other, hydrogen, alkyl or heteroalkyl;
- (t) $-\text{C}(=\text{NR}^{20})(\text{NR}^{21}\text{R}^{22})$ where R^{20} , R^{21} and R^{22} independently represent hydrogen, alkyl or hydroxy, or R^{20} and R^{21} together are $-(\text{CH}_2)_n-$ where n is 2 or 3 and R^{22} is hydrogen or alkyl;
- (u) $-\text{NHC}(\text{X})\text{NR}^{23}\text{R}^{24}$ where X is $-\text{O}-$ or $-\text{S}-$, and R^{23} and R^{24} are, independently of each other, hydrogen, alkyl or heteroalkyl;
- (v) $-\text{CONR}^{25}\text{R}^{26}$ where R^{25} and R^{26} independently represent hydrogen, alkyl, heteroalkyl or optionally substituted heterocyclalkyl, or R^{25} and R^{26} together with the nitrogen to which they are attached form an optionally substituted heterocycl ring;
- (x) cycloalkylalkyl, cycloalkylalkynyl and cycloalkylalkynyl, all optionally substituted with alkyl, halo, hydroxy or amino;

- (y) arylaminoalkylene or heteroarylaminoalkylene;
- (z) Z-alkylene-NR³⁰R³¹ or Z-alkylene-OR³² where Z is -NH-, -N(lower alkyl)- or -O-, and R³⁰, R³¹ and R³² are independently of each other, hydrogen, alkyl or heteroalkyl;
- (aa) -OC(O)-alkylene-CO₂H or -OC(O)-NR'R'' (where R' and R'' are independently hydrogen or alkyl); and
- (bb) heteroarylalkenylene or heteroarylalkynylene;

R⁴ is selected from the group consisting of:

- (a) hydrogen;
- (b) halo;
- (c) alkyl;
- (d) alkoxy; and
- (e) hydroxy;

R⁵ is selected from the group consisting of :

- (a) hydrogen;
- (b) halo;
- (c) alkyl;
- (d) haloalkyl;
- (e) thioalkyl;
- (f) hydroxy;
- (g) amino;
- (h) alkylamino;
- (i) dialkylamino;
- (j) heteroalkyl;
- (k) optionally substituted heterocycle;
- (l) optionally substituted heterocyclalkyl;
- (m) optionally substituted heterocyclalkoxy;
- (n) alkylsulfonyl;
- (o) aminosulfonyl, mono-alkylaminosulfonyl or di-alkylaminosulfonyl;

(p) heteroalkoxy; and

(q) carboxy;

R⁶ is selected from the group consisting of:

(a) hydrogen;

(b) halo;

(c) alkyl; and

(d) alkoxy; and

prodrugs, individual isomers, mixtures of isomers and pharmaceutically acceptable salts thereof.

2. (Amended herein) The compound of Claim 1 wherein R³ is:

(a) optionally substituted heterocyclyl;

(b) aryl or heteroaryl both optionally substituted with a substituent selected from halo, alkyl, amino, alkoxy, carboxy, lower alkoxy carbonyl, SO₂R' (where R' is alkyl) or SO₂NHR'R'' (where R' and R'' are independently hydrogen or alkyl);

(c) heteroalkyl substituted with a heteroaryl or a heterocyclyl group;

(d) heteroalkenyl;

(e) heteroalkylamino;

(g) optionally substituted heterocyclylalkyl or heterocyclylloxy;

(h) optionally substituted heterocyclylalkenyl;

(i) optionally substituted heterocyclylalkynyl;

(j) optionally substituted heterocyclylalkoxy;

(k) optionally substituted heterocyclylalkylamino;

(l) optionally substituted heterocyclylalkylcarbonyl;

(k) -Y-(alkylene)-R⁹ where Y is a single bond, -O- or -NH- and R⁹ is optionally substituted heteroaryl, -CONR¹²R¹³, SO₂R¹⁴, -SO₂NR¹⁵R¹⁶, -NHSO₂R¹⁷ or -NHSO₂NR¹⁸R¹⁹ where R¹², R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸ and R¹⁹ are independently of each other hydrogen, alkyl or heteroalkyl;

- (l) cycloalkylalkyl, cycloalkylalkynyl and cycloalkylalkynyl, all optionally substituted with alkyl, halo, hydroxy or amino;
- (m) arylaminoalkylene or heteroaryl aminoalkylene; or
- (n) Z-alkylene-NR³⁰R³¹ where Z is -NH-, -N(alkyl)- or -O-, and R³⁰ and R³¹ are independently of each other, hydrogen, alkyl or heteroalkyl.

16. (Amended) The compound of Claim 5, wherein R³ is:

- (a) heteroalkyl substituted with a heteroaryl or a heterocyclyl group;
- ~~(b) heteroalkoxy;~~
- (c) heteroalkylamino;
- (d) optionally substituted heterocyclylalkyl;
- (e) optionally substituted heterocyclylalkoxy;
- (f) optionally substituted heterocyclylalkylamino;
- (g) -Y-(alkylene)-R⁹ where Y is a single bond, -O- or -NH- and R⁹ is optionally substituted heteroaryl, -CONR¹²R¹³, SO₂R¹⁴, -SO₂NR¹⁵R¹⁶, -NH-SO₂R¹⁷ or -SO₂NR¹⁸R¹⁹ where R¹², R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸ and R¹⁹ are independently of each other hydrogen, alkyl or heteroalkyl; or
- (h) Z-alkylene-NR³⁰R³¹ where Z is -NH-, -N(alkyl)- or -O-, and R³⁰ and R³¹ are independently of each other, hydrogen, alkyl or heteroalkyl.

17. (Amended herein) The compound of Claim 16, wherein R³ is heteroalkyl substituted with a heteroaryl or a heterocyclyl group.